IN THE CLAIMS

Please amend the claims in the patent application as follows wherein newly added text is indicated with underlining and deleted text is marked with ~~strikethrough~~ or enclosed within [[double brackets]]:

1. (Currently Amended) A method for sending interactive textual and graphical data from a content provider to a user's set-top box through a satellite broadcast system, said method comprising:

receiving ~~sending~~ said textual data and said graphical data from said content provider [[to]] in a server that is located in an uplink center;

retrieving said textual and said graphical data from said server into an application streamer coupled to said server;

converting said textual data into OpenTV data and converting said graphical data into MPEG data ~~by using~~ in said [[an]] application streamer ~~that is coupled to said server and that retrieves said textual data and said graphical data from said server~~;

using said application streamer to create a file directory structure based on said textual data, said file directory structure comprising at least OpenTV data file and at least one graphical data file;

using said application streamer to create a node tree on a broadcast streamer by mirroring said file directory structure such that each file in said file directory structure becomes a node in said node tree on said broadcast streamer;

~~mapping nodes in said node tree to files in said file directory structure;~~

allocating bandwidth and transmission frequency to each node of said node tree based on a corresponding priority of each said node;

using said broadcast streamer to multiplex said nodes of said node tree ~~OpenTV data and said MPEG data~~ with a regular broadcast stream resulting in an interactive data stream; and [[,]]

sending said interactive data stream to said user's set-top box.

2. (Currently Amended) The method as set forth in [[of]] claim 1, said method further comprising:

using set-top box application software to read said interactive data stream and display said interactive data stream on a user's display device; and [[,]]

monitoring said application streamer with a computer.

3. (Currently Amended) The method as set forth in [[of]] claim 1 wherein said step of retrieving said textual data and said graphical data from said server further comprises querying said server for new data.

4. (Currently Amended) The method as set forth in [[of]] claim 1 wherein said step of converting said textual data into said OpenTV data and converting said graphical data into said MPEG data further comprises creating system alerts.

5. (Currently Amended) The method as set forth in [[of]] claim 4 wherein said step of creating system alerts comprises creating alerts upon detection of errors within said satellite broadcast system using SNMP traps, event logging, and visual queues in a graphical user interface.

6. (Currently Amended) The method as set forth in [[of]] claim 2 wherein said step of monitoring said application streamer by a computer further comprises monitoring said application streamer, configuring said application streamer, making any necessary changes to said application streamer.

7. (Currently Amended) The method as set forth in [[of]] claim 6 wherein said step of monitoring said application streamer further comprises monitoring said application streamer using a DCOM user interface over a network connection.

8. (Currently Amended) The method as set forth in [[of]] claim 7 wherein said step of monitoring said application streamer further comprises monitoring the connection to

said broadcast streamer, monitoring the connection to said server, and monitoring the status of said interactive data stream on said broadcast streamer ~~server~~.

9. (Currently Amended) A system for sending interactive textual and graphical data from a content provider to a user's set-top box through a satellite broadcast system, said system comprising:

a server, located in an uplink center, that receives said textual data and said graphical data from said content provider;

an application streamer, that is coupled to said server, that retrieves said textual data and said graphical data from said server, and that converts said textual data into OpenTV data and converts said graphical data into MPEG data;

a file directory structure that is created by said application streamer based on said textual data, said file directory structure comprising at least OpenTV data file and at least one graphical data file;

a node tree that is created by said application streamer on a broadcast streamer by mirroring said file directory structure such that each file in said file directory structure becomes a node in said node tree on said broadcast streamer;

~~nodes in said node tree that are mapped to files in said file directory structure;~~

bandwidth allocation software~~, in said application streamer,~~ that calculates ~~transmission frequency~~ a bandwidth allocation for each node of said node tree based on a priority of each said node; and [[,]]

a multiplexer located on said broadcast streamer that multiplexes said nodes of said node tree ~~OpenTV data and said MPEG data~~ with a regular broadcast stream resulting in an interactive data stream.

10. (Currently Amended) The system as set forth in [[of]] claim 9, said system further comprising:

a set-top box that receives said interactive data stream;

a software application located on said set-top box that reads said interactive data stream and displays said interactive data stream on a user's display device; and

a computer that monitors said application streamer.

11. (New) The system as set forth in claim 9 wherein said application streamer queries said server for new data.

12. (New) The system as set forth in claim 9 wherein said application streamer creates system alerts.

13. (New) The system as set forth in claim 12 wherein said system alerts comprise one of SNMP traps, event logging, and visual queues in a graphical user interface.

14. (New) The system as set forth in claim 10 wherein said computer that monitors said application streamer allows for monitoring said application streamer, configuring said application streamer, and making any necessary changes to said application streamer.

15. (New) The system as set forth in claim 10 wherein said computer that monitors said application streamer monitors said application streamer using a DCOM user interface over a network connection.

16. (New) The system as set forth in claim 15 wherein said computer that monitors said application streamer further monitors said broadcast streamer, the connection to said server, and the status of said interactive data stream on said broadcast streamer.